

**From:** [Pappas, Chris - AMS](#)  
**To:** [Fry, Roger - AMS](#); [Miller, David](#); [Hoffmann, Sandra - ERS](#)  
**Subject:** RE: IRAC April 2015 update notes for revision  
**Date:** Tuesday, April 28, 2015 1:26:29 PM

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It looks fine to me as well. Thanks Sandra and David.

Chris Pappas  
Sampling Manager/Chemist  
(202) 572-8173  
[chris.pappas@ams.usda.gov](mailto:chris.pappas@ams.usda.gov)

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**From:** Fry, Roger - AMS  
**Sent:** Tuesday, April 28, 2015 5:49 AM  
**To:** Miller, David; Hoffmann, Sandra - ERS  
**Cc:** Pappas, Chris - AMS  
**Subject:** RE: IRAC April 2015 update notes for revision

David,  
That blurb about the CU report looks fine to me. Thanks.

Roger Fry, IT Specialist  
USDA, AMS, S&T, Monitoring Programs Division  
Pesticide Data Program (PDP)  
1400 Independence Ave SW  
Room 4533 South Stop 0275  
Washington DC 20250  
Phone: 202-572-8169  
[Roger.Fry@ams.usda.gov](mailto:Roger.Fry@ams.usda.gov)

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**From:** Miller, David [<mailto:Miller.DavidJ@epa.gov>]  
**Sent:** Sunday, April 26, 2015 9:41 PM  
**To:** Hoffmann, Sandra - ERS  
**Cc:** Fry, Roger - AMS; Pappas, Chris - AMS  
**Subject:** RE: IRAC April 2015 update notes for revision

Hello Sandra,

See below for edits for the weekly.

Roger and Chris – feel free to add or modify the CU piece.

## EPA Office of Pesticide Programs

David Miller reported on EPA OPP recent activities including:

- Bryant-Christie, Inc. (BCI) has transitioned from MRLdatabase.com to GlobalMRL.com (<https://www.globalmrl.com/>) as of late January 2015. EPA and USDA FAS are working to provide funds under contract so that anybody with an internet connection can access GlobalMRL.com (currently, only individuals who had pre-registered last fall are able to access this under the "Login Now" button). GlobalMRL.com will make US tolerances available for access worldwide and foreign MRL's (for which US tolerances exist) available to the US public and US-based entities. This enhanced version allows considerably easier downloads of information and also includes veterinary drugs. In addition, personnel at USDA and EPA will have access to the Enterprise® version of the BCI software which will allow users at these organizations access to a greatly expanded set of information. It is hoped that free access will become available to all during May or June.
- EPA OPP is working with FDA and USDA Foreign Agricultural Service on pesticide residue tolerances for quinoa. Recently, a quinoa shipment from Peru was detained by FDA in Seattle as a result of having chlorpyrifos residues and an FDA decision that the current CFR Food Handling Establishment tolerance did not apply. USDA/FAS, FDA, and EPA are currently in discussions regarding how FDA will interpret Food Handling Establishment tolerances as it is apparent that there is a considerable amount of confusion in the field.
- The WHO's International Agency for Research on Cancer (IARC) met in February to classify five pesticides with respect to their carcinogenicity: glyphosate, diazinon, malathion, tetrachlorvinphos (TCVP), and parathion. The conclusions of the IARC were recently published in the Lancet at [http://www.thelancet.com/pdfs/journals/lanonc/PIIS1470-2045\(15\)70134-8.pdf](http://www.thelancet.com/pdfs/journals/lanonc/PIIS1470-2045(15)70134-8.pdf) (free registration) and also on the IARC website at <http://www.iarc.fr/en/media-centre/iarcnews/pdf/MonographVolume112.pdf>. Briefly, IARC classified the herbicide **glyphosate** and the insecticides **malathion** and **diazinon** were as "*probably carcinogenic to humans*" (Group 2A) and the insecticides **tetrachlorvinphos** and **parathion** as "*possibly carcinogenic to humans*" (Group 2B). DDT, lindane and 2,4-D will be reviewed by IARC in early June 2015 (see <http://monographs.iarc.fr/ENG/Meetings/index.php>).
- *Consumer Reports* came out in March with their May issue ranking commodities by their pesticide risk ("Eat the Peach, not the Pesticide", available at <http://www.consumerreports.org/cro/health/natural-health/pesticides/index.htm>). Ranking of fruits and vegetables are available on the web. The full 50 page scientific report, including recommendations from Consumers Union (CU), is entitled "From Crop to Table" and can be downloaded from <http://www.consumerreports.org/cro/health/natural-health/pesticides/index.htm>. US grown green beans, and Mexican-produced sweet bell peppers and hot peppers were the commodities that were ranked "Very High" risk category. CU made a number of recommendations with respect to which produce items should be purchased organic. The magazine used PDP data spanning the last 12 years on pesticides in produce.

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**From:** Hoffmann, Sandra - ERS [<mailto:SHOFFMANN@ers.usda.gov>]

**Sent:** Wednesday, April 15, 2015 10:58 AM

**To:** Miller, David

**Subject:** IRAC April 2015 update notes for revision

Dear David,

Here is what I have on notes from the last IRAC meeting on your update report. Would you revise it and send it back to me?

Thanks,

Sandy

EPA Office of Pesticide Programs

David Miller reported on EPA OPP recent activities including:

- Globalenvironment.com is now accessible online. It is a great source for pesticide tolerances worldwide.
- EPA OPP is working with FDA and USDA Foreign Agricultural Service on pesticide residue tolerances for quinoa. [should I have said something about Peru?]
- Will discuss IARC .... Lancet publication March 3-10. 10 pesticides examined for carcinogenicity: 3 were found to be probable carcinogens (Malathion, Glycosate (2-4D, Round Up), Diazinon); 2 were found to be possible carcinogens (Parathion, and Tetrachlorovinfos. DDT, Lindane and 2-4D will be reviewed in June 2015.
- *Carcinogen* comes out in March ranking commodities by their pesticide risk using a 3 point Lickert scale: Very high, high, low, very high. Ranking of fruits and vegetables are available on the web. Uses PDP data for exposure for past 12 years. Washington State U. has a measure and monitor program as well. It's an exposure + toxicity ranking.

Sandra Hoffmann, Ph.D., J.D.

Senior Economist | U.S. Department of Agriculture | Economic Research Service | Food Economics Division | Washington DC 20024-3221

(202) 694-5354 | [shoffmann@ers.usda.gov](mailto:shoffmann@ers.usda.gov)